		//CCG	iving veh	OIL		
D	ate: /3)///e	30	Batc	h No:///	7537	3
S	upplier: Tyyoo	resh	Dart	P/O: _2	1986	
Packing Slip: Invoice: Receipt: Discrepancies	Yes No Yes No Cash Cr	7	Release Note A Vaybill Attache Shipment Com QC6 Inspection Vork Order	ed: Ÿ pplete: ¥	es N es N es N	0 <u> </u>
Part Number	Description	antity	Quantity Received	Quantity Returned	Quantity Short	Comments
			·			6.
		-				
		Initials	s of receiver	(if shipment	OK) Level	12 4
Production/Ad Date Received/Cos Initial					Locati	on

All amounts are calculated in domestic currency.

Purchase Order Receipt Listing

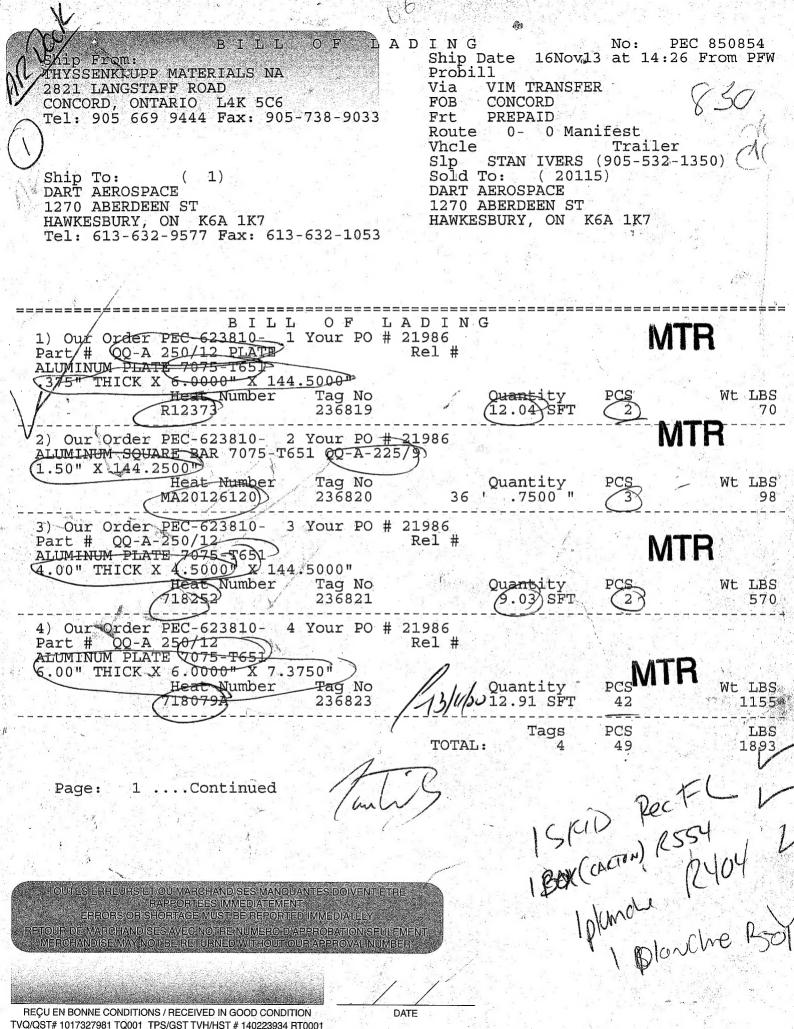
Wednesday, November 20, 2013 10:21:07 AM

All Vendors PO ID PO21986 Receipt Dates from 11/20/2013 to 11/20/2013 All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Book Amt	\$364.67		\$572.70		\$1,999.83		\$4,156.67			110.9100	0.0000
, 11 8	0 (o.	0	0	0 .	0	0	0			
MRB Qty/ MRB Reject Qty										uantity:	(PO U/M): t Quantity:
Inspected Qty/ Rejected Qty (PO U/M)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	la s	Total Received Quantity:	Total Qty to Inspect (PO U/M): Total Reject Quantity:
Cost Per Unit/ Recv Value	\$15.14	\$364.67	\$15.58	\$572.70	\$83.05	\$1,999.83	\$159.87	\$4,156.67			Total
Recv Qty (PO U/M)	24.0800	Ö	Series Series		24.0800		26.0000	8			
Recv Date/ Recv Emp	1/20/2013	DESJ02	1/20/2013	DES102	1/20/2013	DESJ02	1/20/2013	DESJ02			
Required Date Required Qty	11/14/2013 11/20/2013	24.0000	11/21/2013 11/20/2013	36.0000	11/14/2013 11/20/2013	24.0000	11/14/2013 11/20/2013	26.0000			
	laterials CA Ltd	,					* * *				
PO U/M / Stock U/M	Thyssenkrupp Materials CA	0.375" f	A Table	1.500 f	00X4.5£	4.000' f	00X6.0 f	6.000' f			Q ,
Reference/ Description/ Cert Std	VC-COP001 Thyssenkri M7075T6B0.375X6.0 E	7075-T6 BAR 0.375" f X 6,000"	M121339 X	7075 T6 BAR 1.500 f	M1275392 M7075T6B4.000X4	7075-T6 BAR 4.000' f	M127539 M7075T6B6.000X6.01	7075-T6 BAR 6.000' X 6.000" (order in	Differs)	M12/339	
Project ID					(H)		\bigcup			J	
Line Nbr/ Insp Req	dor Nam	No	, m	No	4	No	'n	N _o			
Purchase Order ID/ Curr Type	endorID/Vendor Name PO21986 1	CAD		· .				-1-			

0.0000 \$7,093.88

Total Receipt Value: Total Balance Due Quantity:



BILL OF LADING
Ship Flom:
THYSSENKRUPP MATERIALS NA Probil
2821 LANGSTAFF ROAD Via
CONCORD, ONTARIO L4K 5C6 FOB
Tel: 905 669 9444 Fax: 905-738-9033 Frt
Route

Ship To: (1)
DART AEROSPACE

A D I N G
Ship Date 16Nov13 at 14:26 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

BILL OF LADING

Heat Number MA20126120 R12373

*** Chemical Analysis ***

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

**/ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL OF 2 BDLS, 1 BOX AND 1 SKID GR.W. 1995 LBS

> RREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÉTRE: RAPPORTEES IMMEDIATEMENT:

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTHE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

ADDED TO EVERY ORDER.***

Page: 2 Last

15 Marks Market

Constellium Valais SA

Aerospace and Transportation

Europe - AT Valais, Usines de Sierre et Steg

Constellium

CH-3960 Sierre Suisse

Tel: +41(0) 27 457 51 11

http://www.constellium.com

INSPECTION CERTIFICATE

According To Disp. Advice / Cert Date 10/07/2013

EN 10204-3.1 0080237066 Page 1

Your Order

5400179908 Copper

Project

Dated

01/05/2013

Our Confirmation No. Customer No.

143280-50 606281

Sales Contact

Fabienne Salamin ++41 (27) 457 6432

Certificate Dpt :

41 27 457 66 92

Aluminium plates in AA7075-T651, mill finish, Alumitex paper interleaved To AMS 4045K, AMS(QQ-A-250/12 August 1997, ASTM B209 and SIE0002

Your article :

012-000501

CONSTELLIUM ROLLED PRODUCTS

RAVENSWOOD

RAVENSWOOD, LLC

US -26164

tol	Production No.	Weight	Quantity	Dimensions
/ R12373	6241623	3483.25 Lbs	10	6.375" x 60.50" x 144.50"
	The state of the state of			

Mechanical and technological properties

Sample Temper Ksl-UTS		A%2Inch He			***************************************	3
		110		1.		1 1
min-may /TAST	>=67	Pag	1 1			
Hant High / Hoof 3				i i		
min may		1	. 1	1 1		
IIIII-IIIdX				1		

Measured values

R12373-1 A	7651 7651	85.3 84.7	75.1 74.8	14 13	176 175	***************************************				
	VXXXX		,				į.	1,41		
			:							

Chemical composition

Required composition (% by weight)

1	Casting No	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti		wining and
N	fin'			1.2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2.1	:18		5.1		***************************************	
N	lax	.40	.50	2.0	.30	2.9	.28	.05	6.1	.20		

2.44

0.19

Analysis results (% by weight	1)
31374812	0.06	0.17

Other elements: Each <= 0.05% Total <= 0.15% .028 .0037 | 5.63

Remark

This certificate of conformance verifies that the organization took effective control of quality to meet the specified requirements on both the sales order(s) and the customer purchase order(s)

1.47

* * * COUNTRY OF ORIGIN AND MANUFACTURE : SWITZERLAND * * *

Compliant to the European Union Directive 2011/65/EU also known as RoHS

Alain Thurre

Inspection Department

Valid without signature 03

ISO 9001 / ISO 14001 / OHSAS 18001



03/06/13

Alcoa Inc.

Park Avenue East, Massena, NY 13662 Massena Operations



Ship To Copper Brass Sales Date Shipped Copper Brass Sales Alloy - Temper Customer Santa Fe Springs, CA 906 13338 Orden Dr. Building 03/05/13 7075-1651 Weight Shipped Size 5400171821 Customer P.O. No. 1.50000 IN 1,976 lbs Customer Part No (ALSQ00010) been found to meet the applicable requirements described herein, including any specifications forming a part of the description, or as previously agreed to with customer and that samples representative of the material met the composition limits and have the mechanical properties shown on the face of this sheet Manufactured under an ISO/TS 16949 registered quality management system Melted and manufactured in the USA We hereby certify that the material covered in this report has been inspected in accordance with, and has Product Shape SQ CFRB-CF SQ. Config 12 FT MMC-A6072- -010 Alcoa Order No. Specific Length Zhou Wang, Govt. Contract No. Quality Assurance Mahager QRR BOL 000760956

Specifications:

ASTM B211-12E1 AMS-4123H (Exce QQA-225/9E

ept Marking)

conforms to T6 requirements

Product produced and marked to the requirements of AMS-QQ-A-225/9 also meets the requirements of QQ-A-225/9. Product produced and marked to the requirements of QQ-A-225/9 also meets the requirements of AMS-QQ-A-225/9.	requireme requireme	nts of AMS-QQ- nts of QQ-A-228	-A-225/9 also m 5/9 also meets	neets the require	ements of QQ- s of AMS-QQ-	A-225/9. A-225/9.				4		
		Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	
TEST REQUIREMENTS		U.T.S.	T.Y.S.	%Elong	30			0.				
121	Max:	77.0	66.0	07.0						118		
Test Results		Test	Test	Test	Test	Test	Test	Test	Test	Test	Test	
No. of Tests		U.T.S.	T.Y.S.	%Elong								
MA20126120 3	Max:	81.4 80.0	74.5 73.1	16.5 16.0	,		ě					

When 2 or more tests per lot are made, the highest and lowest values are reported. Analysis obtained from one or more samples in this lot.

Aluminum Association Chemical Composition Limits (in Weight %)	position Limi	its (in Weight									į.	
	%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%Others	%Others %AL	%AL	
MAX 0.40	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.15	Rem	
7075 MIN			1.2		21	0.18	5.1		Each	Total		

Actual Started Chemistry

┢			0.02	5.7	0.19	2.5	0.02	1.6	0.14	0.05	Z Z
Re	LT 0.15	LT 0.05	0.02	5.9	0.20	2.5	0.03	1.7	0.16	0.06	MAX
%	%ОТ	%OE	%TI	%ZN	%CR	%MG	%MN	%CU	%FE	%SI	

NOTES:

Mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product

This alloy racets the requirements of EU 2002/95/EC (RoHS) and EU 2000/53/EC for lead, mercury, cadmium and hexavalent chromium.

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402802460

CstAr

Wgt.: 98.000 LB

CstOr 253570 Date 11/09/2013



INSPECTION CERTIFICATE № 13.23722



EN 10204 - 3.1

Certified by Russian Register

onsignee: Thyss	en Krupp M	aterials NA				Quamity, pcs:": Net Weight, kg.:		1730		
Contract No.: 2.0. Mo.: Inticke No:		N14573-8 540019171 ALFLR0036				S.O. No.: Lot No.: Package No.: (N14573 I		
Description of	f Goods: Grade of Fradu	Plates of) In	ensions, inch/	mm	Material conform		ents on the P	годибер 7075 T651	>
			4.03"X60.5 192.360X1	man, i	1 0 3	Product conform ASTM-B209 This product Directive 20	-10,AMS-Q conforms	Q-A250/12	AMS40451 In Union Ro	ς oHS
				Med	nenical Proper	lies				
The Condition of Tested Standards	Lot No.	Cast No.	Quantity smple	Stre	nelje nggn Si	Yield Sir (0,2% o ks	ffeel)	Elonga	ijan, %	Hardness, I
tequired ,				sole min	max	min	max	min	max	
(718262	12-2156	2	79.2	79.6	67.3	89.7	8.7	8.7	
				Chem	ical Composit	ion, %				
lement:	Slilcon Sl	iron Fe	Copper Cu	Manganese Ma	Magnesium Mp	Ghromium Cr	Micket Ni	Zinc. Zn	Titanium Ti	Ziroanium Zr
equired contents	0.4 0.04	0.5 0.17	1.2-2.0 1.4	0.3 0.04	2.1-2.9 2.5	0.18-0.28 0.19		5.1-6.1 5.8	0.2 0.03	
lement			Tin	Bismuth	Plumbum			Other E	ements Total	Al
lequired	T/*Zf	Ne:	Sn .	Bj.	Pb	Mn+Cr	Ga .	6ech 0.05	0.15	remainder
ontents			***************************************		***************************************		Ī	0.05	0,15	remainder
					Other Tests					
	Macro-	Micro- structure	UT	Electro- conductivity	SCF	Contents H2 of metals		Mercus	r= Free	
Method Flexus	structure	BULLIUM				em8/100gr 0.22	*Russis	s country of a	nelt and manu	lacture"

Date:

inspector:

17.08.13

lpspection Department Engineer

S.V. Semyannikova

N.V. Alekhina

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD

Del.: 2402805209

CstAr Wgt.: 570.000 LB CstOr 253570

Date 11/12/2013

John Bunbeth

Form Nº QAD/3-001, Revision 01





INSPECTION CERTIFICATE № 13.17220

(B)(B)

EN 10204 - 3.1

ertified by Russian Registe

4

onsignee: Thyss	en Krupp M	aterials NA				Quantity:		1			
						Net Weight, kg.		1960			
ontract num		N14445-S 540018435 ALFLR0064				Specification No Lot No: Package No:		N14445 1			
escription o	Goods:	Plates					Requirer	menta on the F	roducts:		
	Grade of Produ	ct	Dim	ensions, inch/	nam	Material confor			7075 T651		
		(6.03"X48.5 153.160X1	5"X144.5" 1231:9X367) '0.3	Product conform ASTM-B208 product con 2002/95/EC	1-10,AMS-C	Q-A250/1	2qMS4045i ilon RoHS l	ζ, This Directive	
				Med	nanicai Proper	ties					
The Condition of Tested Standards	Lot Number	Cast Number	Number of Tests	Stre	valle ngth Si	Yield St (0,2% s	(Jeath	Elonga	illon, %	Hardness, HB	ر برد
				min	max	min	mex	min	mex		13/11
teniupe	718079A	20-5989	2	77.3	78.4	65.9	69.2	6.5	8.0		13/11
				Chen	icai Composil	tion, %					
lement	Silican Si	kon Fe	Copper Gu	Manganese Mn	Magnesium Mg	Chromlum Cr	Nickel Ni	Zinc Zn	Titanium Ti	Zirconium Zr	
equired ontents	0.4 0.05	0,5 0,2-0,2	1,2-2.0 1.3	0.03 0.03	2.1-2.9 2.4	0.18-0.28 0.19		5.1-6.1 5.8	0.2 0.08		
ement	m+zı	Ne	Tin Sn	Bismuth Bi	Plumbum Pb	Man+Cr	Ca	Other E Each	isments Total	Al	
equired onleris	-	-		-	-	-	-	0.05 0.05	0.15 0.15	remainder remainder	
	!		L	l	Other Tests]					
Method Result	Macro- structure	Micro- structure	ur	Electro- conductivity	SCF	Contents H2 of metals cm3/100gr	"Rassale		y - Free Melt and manu	fecture"	
	On beha	111.		TTO-		OAO I					
	Date:		1 × 1	EPA		13.06.					
	Inspecto		RAILS	學多			stanina				
	Inspecti	on Departm	trat bridge	学		N.V. A	lekhina				

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402805109

CstAr Wgt.: 1,155.000 LB CstOr 253570

Date 11/12/2013

John R. Zambeth

FORM: 1006

WORKORDER:

2402805109

COPPER AND BRASS SALES

MATERIAL TYPE

ALUMINIUM ALLOYS

PRODUCT DESIGNATION

2014 2024 2224 2324 7050 7075 7150 7175 7475 ALUMEC 89 ALUMEC 99 QC-7

"WARNING"

SMALL CHIPS, FINE TURNINGS AND DUST MAY IGNITE READILY. EXPLOSION POTENTIAL MAY BE PRESENT WHEN: DUST OR FINES ARE DISPERSED IN THE AIR; FINE, DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH CERTAIN METAL OXIDES; OR, CHIPS, FINES, DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH WATER OR MOISTURE. KEEP AWAY FROM IGNITION SOURCE. USE EXPLOSION-PROOF VENTILATION. KEEP MATERIAL DRY.

THIS PRODUCT CONTAINS BERYLLIUM AND COPPER.INHALING BERYLLIUM DUST OR FUMES MAY CAUSE CHRONIC BERYLLIUM DISEASE (CBD), A SERIOUS CHRONIC LUNGDISEASE IN SOME INDIVIDUALS.BERYLLIUM IS A CANCER HAZARD; OVER TIME CBDAND CANCER CAN BE FATAL, TARGET ORGAN IS PRIMARILY THE LUNG.INHALING LARGE AMOUNTS OF COPPER, MAGNESIUM OXIDE, MANGANESE OXIDE, ANDZINC OXIDE FUMES OR DUST MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS. CHRONIC OVEREXPOUSURE TO COPPER MAY CAUSE THICKENING OF THE SKIN; AND SKIN, TEETH, AND HAIR DISCOLORATION. CHRONIC OVEREXPOUSURE TOMANGANESE DUST CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE, SCARRING OF THELUNGS AND REPRODUCTIVE HARM IN MALES. TARGET ORGAN IS PRIMARILY THE LUNG, BUT REPEATED HIGH EXPOSURE CAN ALSO AFFECT THE LIVER. CHRONICOVEREXPOSURE TO IRON OXIDE DUST/FUME MAY CAUSE LUNG SIDEROSIS. CHRONIC OVEREXPOSURE TO SILICON DUST CAN CAUSE CHRONIC BRONCHITIS. OVEREXPOSURE TO AMORPHOUS SILICA CAN CAUSE DRYING OF THE MUCOUSMEMBRANES OF THE EYES, NOSE, AND THROAT.

THIS PRODUCT ALSO CONTAINS NICKEL AND CHROMIUM COMPOUNDS.INHALATION OF NICKEL DUST OR FUME MAY RESULT IN INFLAMMATION OF THE RESPIRATORY TRACTAND CAUSE NASAL AND/OR LUNG CANCER.NICKEL HAS BEEN IDENTIFIED AS A POTENTIAL HUMAN CARCINOGEN.EXPOSURE TO CHROMIUM DUST OR FUMES MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS AND KIDNEY AND LIVER DAMAGE.UNDER HIGH TEMPERATURES,HEXAVALENT CHROMIUM MAY BE PRODUCED,IF IN THEINSOLUBLE FORM,IT IS A CONFIRMED HUMAN CARCINOGEN.(CALIFORNIA PROPOSITION 65).

IF COATED WITH OIL, MAY CAUSE SKIN IRRITATION/DERMATITIS BY CONTACT. WELDING FUME IS LISTED AS A POSSIBLE CARCINOGENIC TO HUMANS.

READ THE ALUMINIUM/ALUMINIUM ALLOYS MATERIAL SAFETY DATA SHEET (MSDS) ON FILE WITH YOUR EMPLOYER BEFORE WORKING WITH THIS MATERIAL.

- * If processing or recycling produces particulate, use exhaust ventilation or other controls designed to prevent exposure to workers. Examples of such activities include melting, welding, grinding, abrasive sawing, sanding and polishing. Any activity which abrades the surface of this material can generate airborne particulate. Use appropriate NIOSH approved respiratory protection (P95; P100 for lead with, quantitative fit testing required) if exposures exceed the permissible limits.
- * The Occupational Safety and Health Administration (OSHA) have set mandatory limits on occupational exposures.
- * Aluminum, in solid form and as contained in finished products presents no special health risk,
- * Sold for manufacturing purposes only. This product can be recycled; contact your sales representative.

For additional information, call or write to Copper and Brass Sales,22355 West Eleven Mile Road, Southfield, MI 48033,telephone248-233-5600, or visit our web site @ www.copperandbrass.com.

ALUMINUM LABEL NO. 300-1056

ISSUED 10/01/2008



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO21986

Purchase Order Date 11/7/2013
PO Print Date 11/7/2013

Page Number 1 of 2

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA

Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K

HAWKESBURY, ON K6A 1K7

CANADA



Contact Name

Vendor Phone

905 669 9444

Buyer

Chantal Lavoie

705 007 7111

Customer POID
Customer Tax #

10127-2607

Ship To Contact Terms

Net 30

Ship To Phone

Currency

CAD

Ship Via:

Ship Acct:

Yours ppd

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure		PO Unit Price	Extended Price
	M7075T6B0.375X6.000	7075-T6 BAR 0.375" X 6.000"	11/14/2013		24.00	<i>- </i>	\$15.79	\$379.00

Yes

11/14/2013

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/11 OR CUT FROM PLATE QQ-A-250/12

Line Total:

\$16.25

\$379.00

M7075T6B1.500X1.500

7075 T6 BAR 1.500 x 1.500

11/21/2013

36-10

\$585.00

.

11/21/2013

Yes

.

SAME AS ABOVE

3/4/2

Line Total:

\$585.00

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO21986

Purchase Order Date 11/7/2013 PO Print Date 11/7/2013

Page Number 2 of 2

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA

Ship To: DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Contact Name

Vendor Phone

Ship Via:

Ship Acct:

905 669 9444

Yours ppd

Buyer

Chantal Lavoie

Ship To Contact

Ship To Phone

Customer Tax #
Terms

Customer POID

10127-2607 Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

M7075T6B4.000X4.500-

SAME AS ABOVE

7075-T6 BAR 4.000' X

4.500"

11/14/2013

24.00

\$86.60

\$2,078.40

Yes

11/14/2013

Line Total:

\$2,078.40

M7075T6B6.000X6.000

7075-T6 BAR 6.000' X 6.000" (order in billets)

11/14/2013

26.00

\$166.71

\$4,334.38

11/14/2013

Yes

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR

AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR PER AMS-QQ-A-200/1T OR CUT-FROM PLATE QQ-A-250/12

NOTE PLEASE CUT MATERIAL TO SIZE: 42 PCS CUT AT 7.375"

Line Total:

\$4,334.38

PO Total:

\$7,376.78

cd mb

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required-YES

PST# 6122-5207

Change Date:

11/7/2013

Change Nbr:

l